

# Exxon Mobil Corporation

WELL LOCATION, FREEDOM UNIT 197-31C7,  
LOCATED AS SHOWN IN THE NE 1/4 NW 1/4  
(LOT 7) OF SECTION 31, T1S, R97W, 6th P.M.,  
RIO BLANCO COUNTY, COLORADO.



◆ = SECTION CORNERS LOCATED



### BASIS OF BEARINGS & BASIS OF ELEVATION

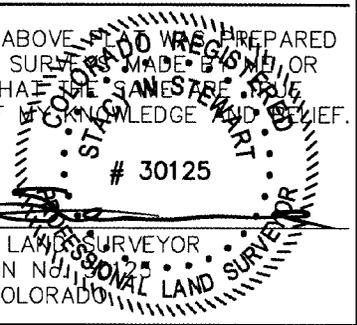
BASIS OF BEARINGS IS A LINE BETWEEN MAGNOLIA & MEYERS TRIANGULATION STATION GRID COORDINATES WHICH IS ASSUMED TO BEAR S82°36'07"E.

BASIS OF ELEVATION IS MAGNOLIA TRIANGULATION STATION LOCATED IN THE NW 1/4 OF SECTION 9, T2S, R96W, 6th P.M. REPORTED FROM THE NATIONAL GEODETIC SURVEY (NAVD 88). ELEVATION IS REPORTED AS BEING 7529 FEET.

### NOTES:

1. Well footages are measured at right angles to the Section Lines.
2. Bearings are based on Global Positioning Satellite observations.
3. G.P.S. Operator: D. PETTY, (PDOP) = 2.7

THIS IS TO CERTIFY THAT THE ABOVE WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEY MADE BY ME, OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

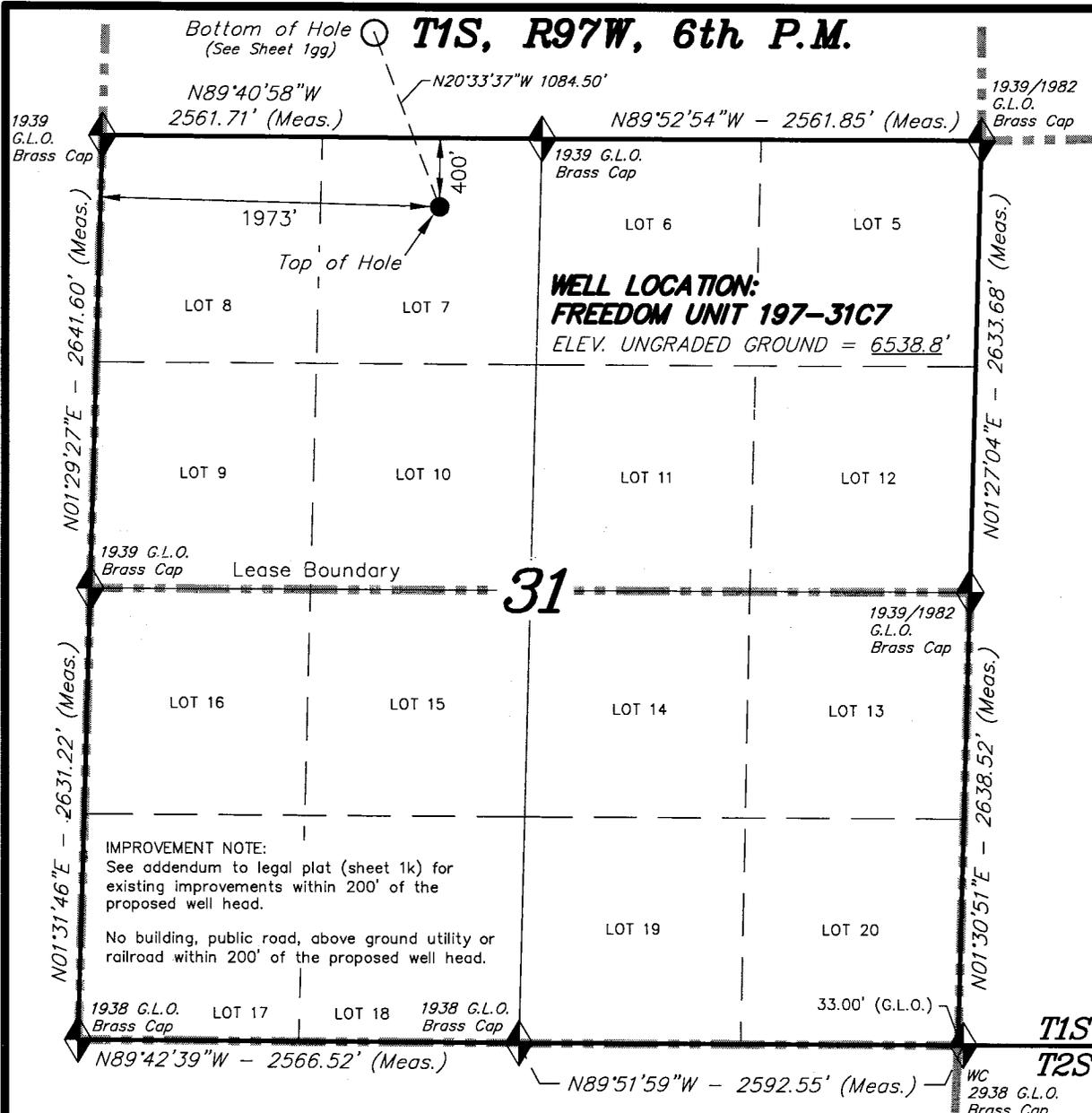


REGISTERED LAND SURVEYOR  
REGISTRATION NO. 30125  
STATE OF COLORADO

## TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078  
(435) 781-2501

DATE SURVEYED: 01-02-06	SURVEYED BY: D.P.	SHEET <b>1g</b> OF 8
DATE DRAWN: 02-16-06	DRAWN BY: D.COX	
REVISED: 02-26-07	SCALE: 1" = 1000'	



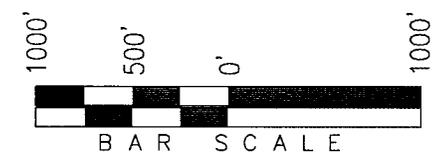
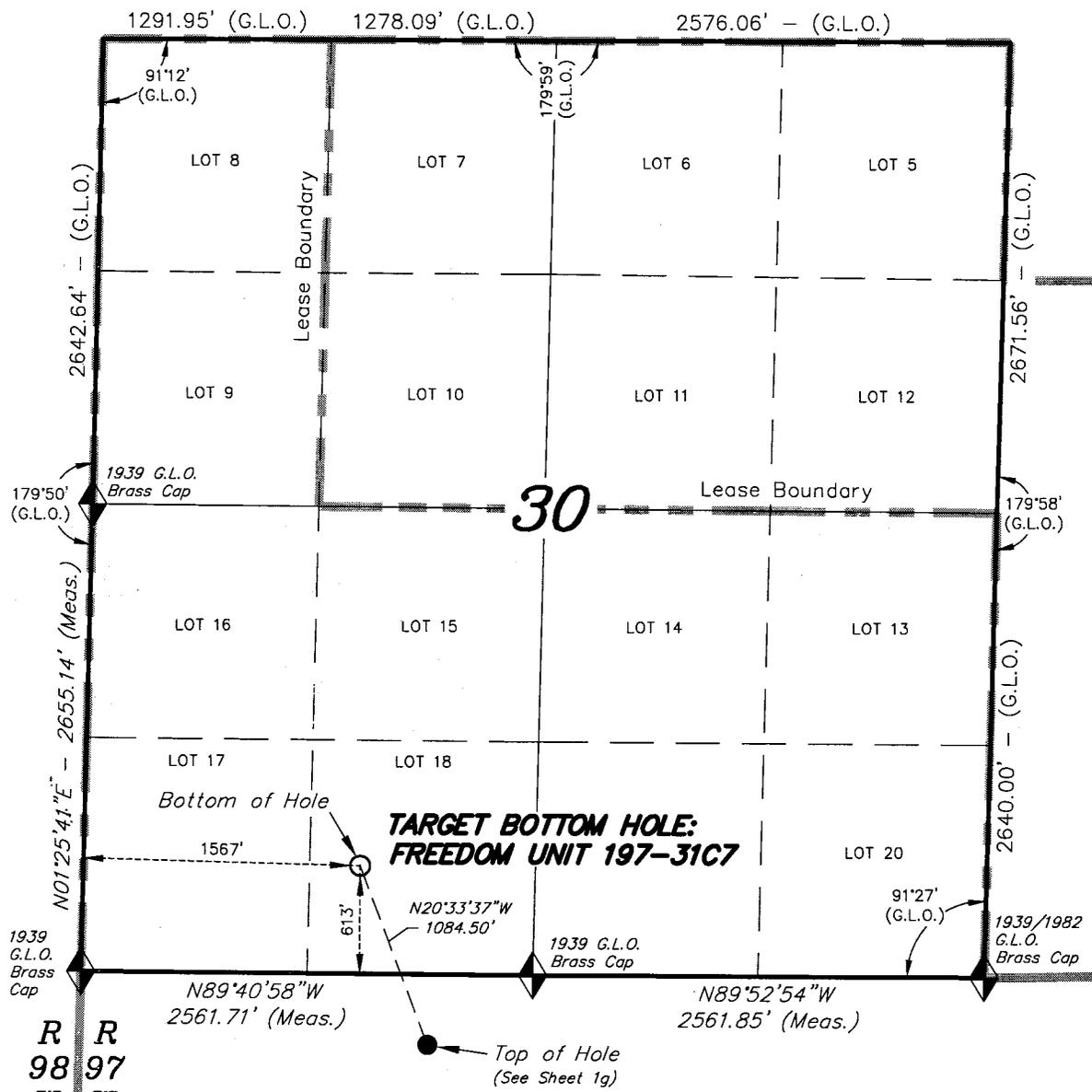
CO-NORTH NAD 83 (SURFACE LOCATION)	
LATITUDE = 39°55'33.49" (39.925971)	
LONGITUDE = 108°19'33.99" (108.326107)	
STATE PLANE COORDINATES	
N: = 1228509.229	E: = 2207530.611
CO-NORTH NAD 27 (SURFACE LOCATION)	
LATITUDE = 39°55'33.59" (39.925999)	
LONGITUDE = 108°19'31.67" (108.325463)	
STATE PLANE COORDINATES	
N: = 228509.946	E: = 1207690.735

FROM SURFACE LOCATION TO NEAREST:	
TOWN/COMMUNITY:	NE 19.1 MILES TO MEEKER
UNIT BOUNDARY:	SLY ±4,871' TO BOUNDARY
UNIT BOUNDARY:	WLY ±1,973' TO BOUNDARY
LEASE BOUNDARY:	SLY ±2,234' TO BOUNDARY
LEASE BOUNDARY:	WLY ±1,973' TO BOUNDARY
EXISTING WELL:	NELY ±3,106' TO 30-4 FEDERAL

# T1S, R97W, 6th P.M.

# Exxon Mobil Corporation

TARGET BOTTOM HOLE, FREEDOM UNIT  
197-31C7, LOCATED AS SHOWN IN THE SE 1/4  
SW 1/4 (LOT 18) OF SECTION 30, T1S, R97W,  
6th P.M., RIO BLANCO COUNTY, COLORADO.



◆ = SECTION CORNERS LOCATED

### BASIS OF BEARINGS & BASIS OF ELEVATION

BASIS OF BEARINGS IS A LINE BETWEEN MAGNOLIA & MEYERS TRIANGULATION STATION GRID COORDINATES WHICH IS ASSUMED TO BEAR S82°36'07"E.

BASIS OF ELEVATION IS MAGNOLIA TRIANGULATION STATION LOCATED IN THE NW 1/4 OF SECTION 9, T2S, R96W, 6th P.M. REPORTED FROM THE NATIONAL GEODETIC SURVEY (NAVD 88). ELEVATION IS REPORTED AS BEING 7529 FEET.

### NOTES:

1. Well footages are measured at right angles to the Section Lines.
2. Bearings are based on Global Positioning Satellite observations.

THIS IS TO CERTIFY THAT THE ABOVE WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEY MADE BY ME, OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

# 30125

*Stacy C. ...*  
REGISTERED LAND SURVEYOR  
REGISTRATION NO. 11301  
STATE OF COLORADO

R R  
98 97  
W W

CO-NORTH NAD 83 (BOTTOM HOLE)		FROM TARGET BOTTOM HOLE TO NEAREST:	
LATITUDE = 39°55'43.40" (39.928723)		UNIT BOUNDARY: SLY ±5,882' TO BOUNDARY	
LONGITUDE = 108°19'39.29" (108.327580)		UNIT BOUNDARY: WLY ±1,567' TO BOUNDARY	
STATE PLANE COORDINATES			
N: = 1229524.297	E: = 2207149.876	LEASE BOUNDARY: NLY ±2,039' TO BOUNDARY	
		LEASE BOUNDARY: WLY ±1,567' TO BOUNDARY	
CO-NORTH NAD 27 (BOTTOM HOLE)			
LATITUDE = 39°55'43.50" (39.928750)			
LONGITUDE = 108°19'36.97" (108.326935)			
STATE PLANE COORDINATES			
N: = 229525.000	E: = 1207310.000		

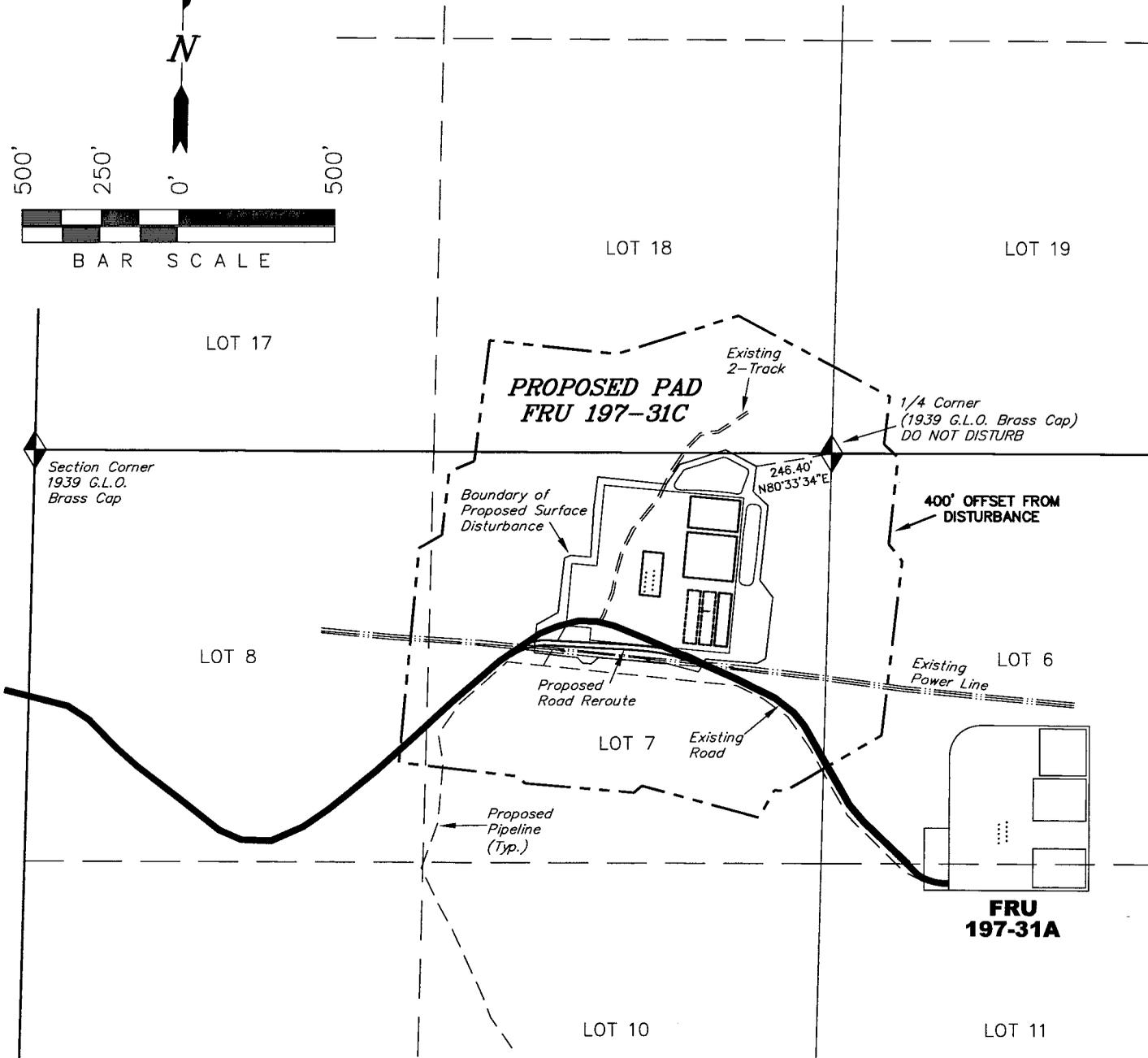
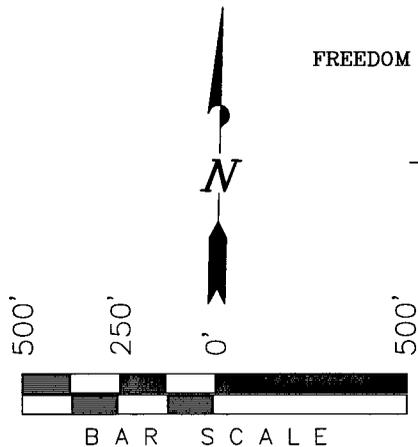
**TRI STATE LAND SURVEYING & CONSULTING**  
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078  
(435) 781-2501

DATE SURVEYED: 01-02-06	SURVEYED BY: D.P.	SHEET <b>1gg</b> OF 8
DATE DRAWN: 02-16-06	DRAWN BY: D.COX	
REVISED: 02-26-07	SCALE: 1" = 1000'	

**Exxon Mobil Corporation**

**ADDENDUM TO LEGAL PLATS FOR**

WELL PAD (FREEDOM CREEK UNIT 197-31C)  
 FREEDOM CREEK UNIT 197-31C1, C2, C3, C4, C5, C6, C7, C8, C9 & C10  
 Section 31, T1S, R97W, 6th P.M.



**SURFACE USE NOTE:**  
 Surface use of the well site is grazing. Vegetation consists mainly of Cedar Trees, Sagebrush & Native Grasses.

**Sec 31**

1/4 Corner  
 1939 G.L.O.  
 Brass Cap

*Distances from Well Heads*

WELL	BUILDING	ABOVE GROUND UTILITY	PUBLIC ROAD	RAILROAD
C1	N78°W 7588'	S06°W 277.70'	S22°W 210.70'	S28°E 35 Miles
C2	N78°W 7588'	S06°W 262.72'	S22°W 196.40'	S28°E 35 Miles
C3	N78°W 7588'	S06°W 247.80'	S22°W 182.11'	S28°E 35 Miles
C4	N78°W 7588'	S06°W 232.75'	S22°W 167.73'	S28°E 35 Miles
C5	N78°W 7588'	S06°W 217.72'	S22°W 153.37'	S28°E 35 Miles
C6	N78°W 7588'	S06°W 270.04'	S22°W 196.29'	S28°E 35 Miles
C7	N78°W 7588'	S06°W 254.96'	S22°W 181.87'	S28°E 35 Miles
C8	N78°W 7588'	S06°W 240.01'	S22°W 167.57'	S28°E 35 Miles
C9	N78°W 7588'	S06°W 224.98'	S22°W 153.21'	S28°E 35 Miles
C10	N78°W 7588'	S06°W 209.96'	S22°W 138.84'	S28°E 35 Miles

SURVEYED BY: D.P.	SURVEY DATE: 01-02-06
DRAWN BY: F.T.M.	DATE DRAWN: 09-22-09
SCALE: 1" = 500'	REVISED: F.T.M. 09-24-09

**Tri State** (435) 781-2501  
 Land Surveying, Inc.  
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078

**SHEET**  
**2k**  
**OF 12**